

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (IPC)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
Y	US 6 452 338 B1 (HORSKY THOMAS N [US]) 17 September 2002 (2002-09-17) * the whole document *	1-21	INV. H01J7/24 H01J37/08 H01J37/317
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Y	US 5 554 854 A (BLAKE JULIAN G [US]) 10 September 1996 (1996-09-10) * the whole document *	1-21	
Y	----- EP 1 061 550 A2 (AXCELIS TECH INC [US]) 20 December 2000 (2000-12-20) * abstract * * paragraphs [0005] - [0011], [0013] - [0015], [0019] - [0029], [0046] * * figures *	1-21	
A	----- EP 0 954 008 A2 (EATON CORP [US] AXCELIS TECH INC [US]) 3 November 1999 (1999-11-03) * abstract * * paragraphs [0001] - [0009], [0016] - [0020] * * figures *	1-21	TECHNICAL FIELDS SEARCHED (IPC)
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The supplementary search report has been based on the last set of claims valid and available at the start of the search.			
6	Place of search The Hague	Date of completion of the search 18 September 2009	Examiner Stavroulis, Stefanos
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone	T : theory or principle underlying the invention		
Y : particularly relevant if combined with another document of the same category	E : prior art patent document, but published on, or after the filing date		
A : technological background	D : document cited in the application		
O : non-written disclosure	L : document cited for other reasons		
P : intermediate document	& : member of the same patent family, corresponding document		



CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing claims for which payment was due.

- Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due and for those claims for which claims fees have been paid, namely claim(s):

- No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

- All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
- As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.
- Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:

- None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:

- The present supplementary European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims (Rule 164 (1) EPC).



LACK OF UNITY OF INVENTION
SHEET B

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1-21

An ion generating system which comprises a reactive gas cleaning system.

2. claims: 22-45

An ion implantation system which comprises an electrical heater in the extraction electrode of ion sources.

ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.

EP 04 81 3789

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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18-09-2009

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